

12.6.7

COLUMBIA



AVERY ARCHITECTURAL AND FINE ARTS LIBRARY
GIFT OF SEYMOUR B. DURST OLD YORK LIBRARY

04L10238 BOX 21

COLUMBIA UNIVERSITY

1897

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Routes to the New Site.

FROM THE SOUTH.

ON THE WEST SIDE:

The Amsterdam Avenue or Boulevard surface lines to 116th Street. The Sixth or Ninth Avenue Elevated Roads to 116th Street, or to 104th Street and thence by the Amsterdam Avenue line of street cars.

ON THE EAST SIDE:

The Third Avenue Elevated Road, the Third or Lexington Avenue cable lines to 125th street and the Crosstown cable line to Amsterdam Avenue.

FROM THE NORTH.

The Hudson River and Harlem Railroads to 125th Street and the 125th Street crosstown line.
The Suburban Branch of the New Haven Railroad to 129th Street and the 125th Street crosstown line.

THE NEW SITE of Columbia University comprises about 18 acres. At the south the land was high, the highest point being 150 feet above the Hudson River. This point was about 200 feet back from 116th Street, the southern boundary of the site. From this highest point the land fell rapidly towards the north, dipping down to grade 106 in a distance of a little more than 700 feet. The architects have taken advantage of this formation of the ground to create at the southern end of the site a building platform on grade 150, covering about two-thirds of the area of the whole plot. This has been effected by excavating on the line of 116th Street, on the southern front of the grounds, an open court 350 feet in width by 128 feet in depth. The effect of this excavation, on the one hand, is to permit the passer-by to look into the grounds; and, on the other hand, to place the buildings on a platform on which they can be seen to the best advantage. The earth taken from this court has been filled in behind the Library and is held there by a heavy retaining wall, so that all of the buildings on the interior appear to begin from the high grade of 150 feet above the river. The buildings on the edges of this platform, on the other hand, on the outside get the benefit of the lower levels of the surrounding streets and of the land at the northern end of the University grounds, and so obtain one or two well-lighted stories that, except for this difference in grade, would be entirely dark.

The plan contained in this pamphlet shows the general arrangement of the buildings. Those that are heavily shaded are expected to be ready for occupancy by October 1897. The large building known as University Hall has an entrance upon both levels. Its southern entrance is from grade 150. Its northern entrance is from grade 125, or thereabouts. This building is to be constructed, at the present time, only up to the high grade. It will contain the gymnasium and baths, and also the power house for the entire site. The superstructure, when built, will contain the academic theatre, seating 2500 people, and the alumni memorial hall. The latter is to be used as a dining hall and will seat 600 persons.

The Library building, besides being used as a general library, is treated as the laboratory of those faculties whose implements of work are books alone. The northern wing, for example, is given up to the Law School. On the main floor is the law reading room, with the law book-stacks below it. On either side are rooms for the administrative offices of the School, the professors' rooms, rooms for the law clubs and the like. On the top floor of the building are law lecture rooms. Similarly, the Faculty of Political Science is located in the west wing of the building, and the Faculty of Philosophy in the east wing. These faculties

have no special reading rooms on the main floor; but, in an intermediate story, each has a series of seminar rooms, nine in number, in immediate connection with the book stacks of the department to which the seminar belongs. These seminar rooms are so arranged that several may be thrown into one, at will; and they can thus be adapted to the use of large or small groups at any moment. On the top floor are lecture rooms for these faculties also. The aim has been to make the use of the books by the professor and the student alike, as easy and convenient as possible. If the building is peculiar in any respect, it is in the emphasis which has been laid upon this idea. The library is not so much a storehouse for books as it is a laboratory for those who are to use books. Quite as much thought has been given to the reader as to the book.

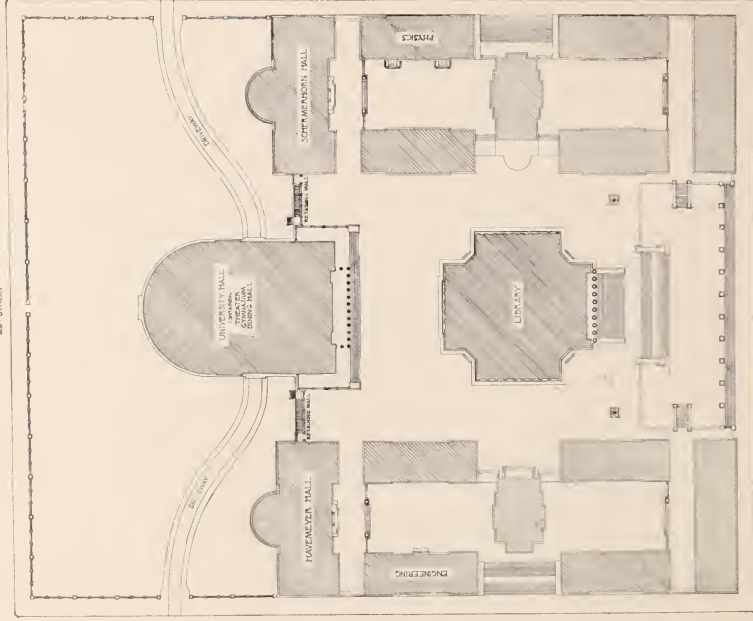
The uses to which the other buildings are to be put sufficiently appear by an examination of the diagrams in this pamphlet. No effort has been spared to adapt them as perfectly as possible to the work to be done in them. In plan and arrangement every advantage has been taken of what has been done elsewhere, both in this country and abroad.

The gymnasium will be one of the best in the country. It contains an available floor space of about 16,000 square feet. Underneath the gymnasium are the baths, the principal feature of which is a swimming pool 100 feet in width. This pool, like the building above it is apsidal in shape, the curve of the apse having a radius of 50 feet. Although the baths are below the surface of the ground, they will be well lighted by means of large windows and a broad area.

Advantage has been taken of the large size of the building of which the gymnasium forms a part to secure a running track having only nine and a half laps to the mile. The locker room space is ample.

The entrance to the gymnasium is through a fine growth of large trees, which give to the northern end of the ground a park-like effect. As a result of these conditions, the students of Columbia will enjoy a freedom of movement and an opportunity for exercise which have been impossible under the cramped conditions of its present site. In a word, the new site will give to the student of Columbia, in the future, a local habitation of which he may be justly proud, and around which tender associations are sure to gather as the years go by. Not since Columbia left its historic site by the City Hall until now, has it been possible for her students to feel that they have had as such, not only an intellectual mother but an intellectual home. This great deficiency the new site of Columbia promises to make good to the generations of students that are to come while the University and the city endure.

140th STREET



AMSTERDAM AVENUE

BOULEVARD

118th STREET

PLAN OF THE NEW BUILDINGS AND GROUNDS
COLUMBIA UNIVERSITY

1:10,000



THE LIBRARY



SCHERMERHORN HALL

PHYSICS BUILDING

HAVEMEYER HALL

ENGINEERING BUILDING

VIEW FROM BARNARD COLLEGE, APRIL 15, 1897



VIEW FROM AMSTERDAM AVENUE OF PHYSICS BUILDING AND SCHERMERHORN HALL

THE LIBRARY.

Basement.

- | | |
|-------------------------------|---|
| 101. President's Staff. | 109. Office of the Bursar. |
| 102. Stenographers, Copyists. | 110. Office of the Superintendent of Buildings and Grounds. |
| 103. Book Packing Room. | Post Office. |
| 104. Vault. Rare Books. | 111. Cloak Room. |
| 105. Printing Room. | 112. Stack Room. |
| 106. Law Club. | 113. " " |
| 107. Stack Room. | |
| 108. Law Club. | |

First Floor.

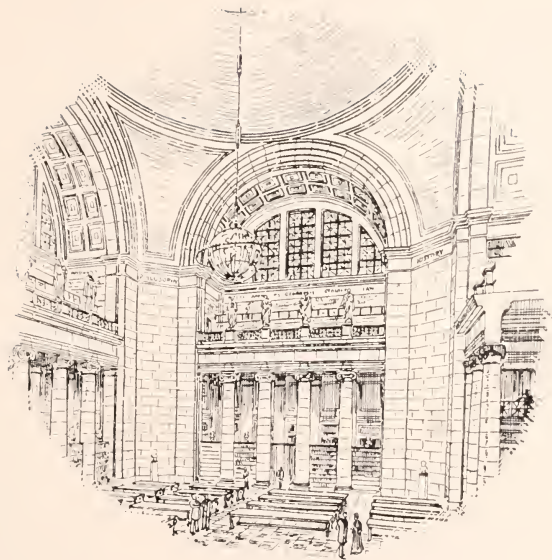
- | | |
|--|-------------------------------------|
| 201. Librarian's Room. | 208. Law Students Conference Room. |
| 202. Accession Room. | 209. Greek and Latin Seminar Room. |
| 203. Catalogue and Delivery Room. | 210. Avery Architectural Library. |
| 204. Catalogue and Delivery Room. | 211. Reading Room. |
| 205. Periodical Room. | 212. Trustees' Room. |
| 206. Office of the Dean of the Law School. | 213. Presidents' Public Office. |
| 207. Law Library. | 214. Large Reading Room. (Rotunda.) |

Second Floor.

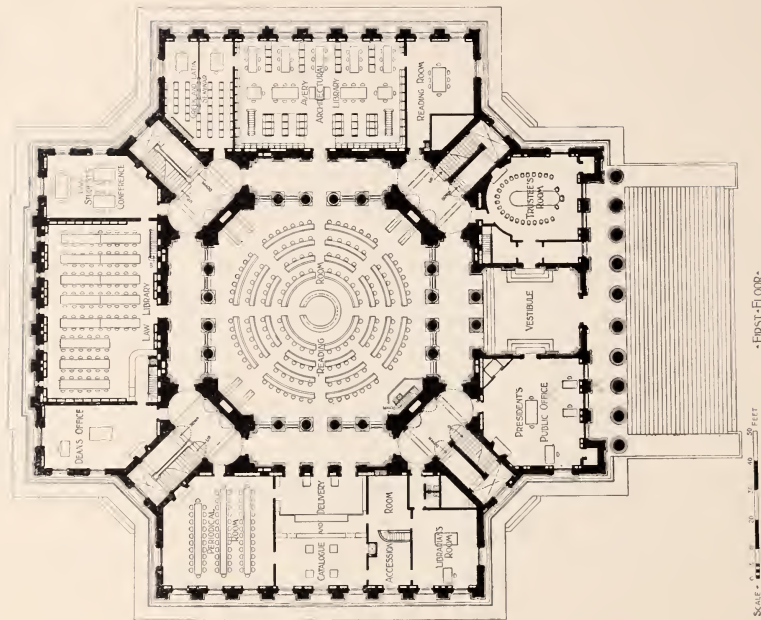
- | | |
|---------------------------------|---|
| 301. Seminar Rooms (West Wing). | 306. Seminar Rooms (East Wing). |
| 302. Study. | 307. Office of the Secretary of the University. |
| 303. " | 308. Office of the President of the University. |
| 304. " | |
| 305. " | |

Third Floor.

- | | |
|---|---------------------------------------|
| 401. Lecture Room. | 410. Political Science, Lecture Room. |
| 402. Political Science, Lecture Room. | 411. Study. |
| 403. Political Science, Faculty Room. | 412. Study. |
| 404. Political Science, Office of the Dean. | 413. Lecture Room. |
| 405. Political Science, Lecture Room. | 414. Study. |
| 406. Political Science, Lecture Room. | 415. Philosophy, Lecture Room. |
| 407. Ante Room. | 416. " Office of the Dean. |
| 408. Office. | 417. " Lecture Room. |
| 409. Political Science Quarterly. | 418. " " " |
| | 419. Ante Room. |
| | 420. Office. |
| | 421. Lecture Room. |
| | 422. " " |



THE LIBRARY
PERSPECTIVE VIEW OF READING ROOM



• FIRST FLOOR •

THE LIBRARY



1997



SEN: VAD ROOMS - SECOND FLOOR - EAST AND WEST WINGS.



• THIRD FLOOR •
THE LIBRARY



UNIVERSITY HALL



UNIVERSITY HALL—VIEW FROM THE EAST



SCHERMERHORN, HALL

SCHERMERHORN HALL.

Sub-Basement.

101. Geology, Museum.	105. Mineralogy, Preparation
102. " Office.	Room.
104. " Museum.	106. Lecture Room and Labo-
	ratory.

First Floor.

301. Geology, Museum.	305. Mineralogy, Lecture Room.
302. " Office.	306. " Office.
303. " Laboratory.	307. " Library.
304. Mineralogy, Laboratory.	308. " Museum.

Third Floor.

501. Botany, Conservatory.	505. Botany, Lecture Room.
502. " Laboratory.	506. " Study.
503. " "	507. Laboratory.
504. " "	508. " "
509. Museum.	

Basement.

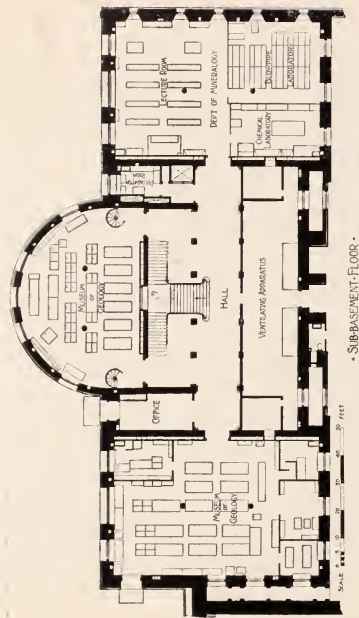
204. Mineralogy, Optical Labo-	205. Mineralogy, Optical Labo-
ratory.	ratory.

Second Floor.

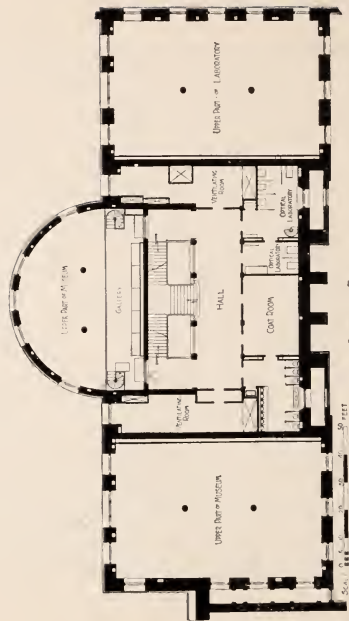
401. Geology, Lecture Room.	407. Psychology, Lecture Room.
402. " Laboratory.	408. " Dark Room.
403. " Office.	409. " Laboratory.
404. " Library.	410. " Dark Room.
405. Psychology, Study.	411. " Laboratory.
406. " Seminar.	412. " Work Shop.
413. Psychology, Laboratory.	

Fourth Floor.

601. Zoology, Laboratory	611. Zoology, Study.
(graduate).	612. " "
602. Zoology, Laboratory.	613. " Laboratory.
603. " Study.	614. " Janitor's Room.
604. " "	615. " Supply Room.
605. " "	616. " Library.
606. " Museum.	617. " Preparation Room
607. " "	618. " Laboratory
608. " Study.	(Undergraduate).
609. " "	619. Zoology, Lecture Room.
610. " "	620. " Aquaria Room.

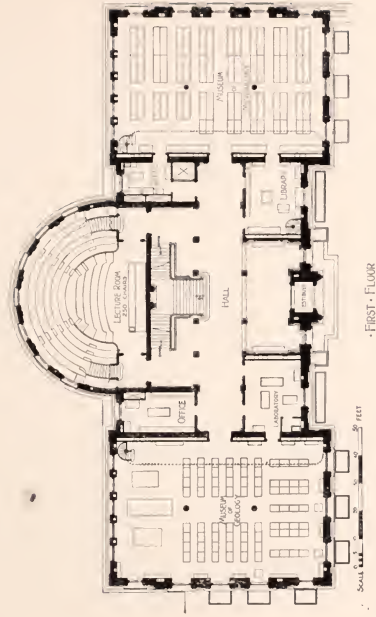


• SUB-BASEMENT FLOOR •



• BASEMENT FLOOR •

SCHERMERHORN HALL

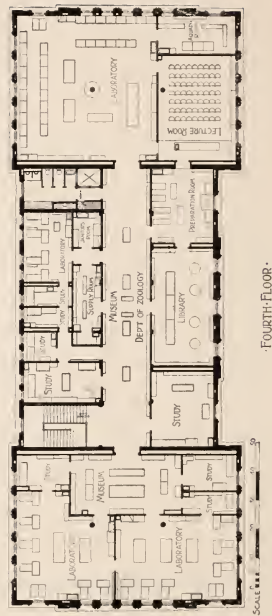
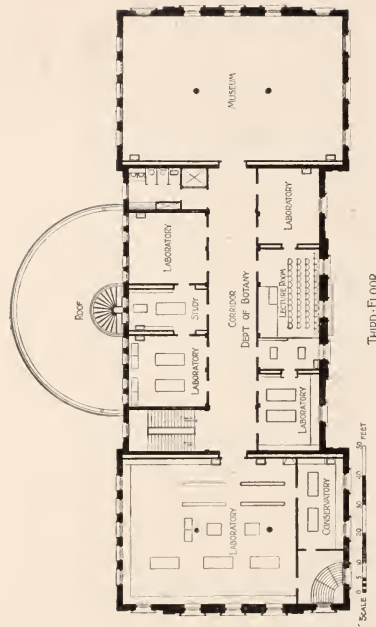


• FIRST FLOOR •



• SECOND FLOOR •

SCHIERMERHORN HALL





PHYSICS BUILDING

PHYSICS BUILDING.

Sub-Basement.

- | | |
|----------------------------|-----------------------------|
| 101. Shops. | 106. Ventilating Apparatus. |
| 102. Vapor Density Room. | 107. Stair Hall. |
| 103. Stair Hall. | 108. " " |
| 104. " " | 109. Store Room. |
| 105. Shops. | 110. Calorimeter Room. |
| Constant Temperature Room. | |

First Floor.

DEPARTMENT OF PHYSICS.

- | | |
|------------------------------|------------------|
| 301. Lecture Room. | 305. Seminar. |
| 302. Stair Hall. | 306. Stair Hall. |
| 303. Lecture Apparatus Room. | 307. Laboratory. |
| 304. " Room. | 308. " |
| 309. Study. | |

Third Floor.

DIVISION OF ENGLISH.

- | | |
|--------------------|--------------------|
| 501. Lecture Room. | 507. Study. |
| 502. Study. | 508. " |
| 503. Lecture Room. | 509. " |
| 504. Hall. | 510. Lecture Room. |
| 505. Study. | 511. Study. |
| 506. Lecture Room. | 512. Lecture Room. |

Basement.

DEPARTMENT OF PHYSICS.

- | | |
|---|-----------------------|
| 201. Electrical Laboratory. | 205. Photometer Room. |
| 202. Stair Hall. | 206. Coat Room. |
| 203. Battery Room (under north entrance). | 207. Store Room. |
| 204. Students' Club. | 208. Stair Hall. |
| | 209. Janitor's Room. |
| 210. Optical Laboratory. | |

Second Floor.

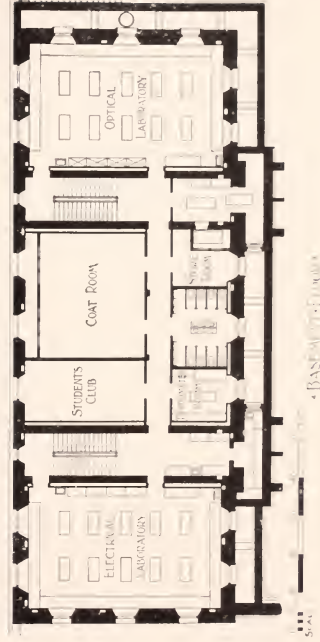
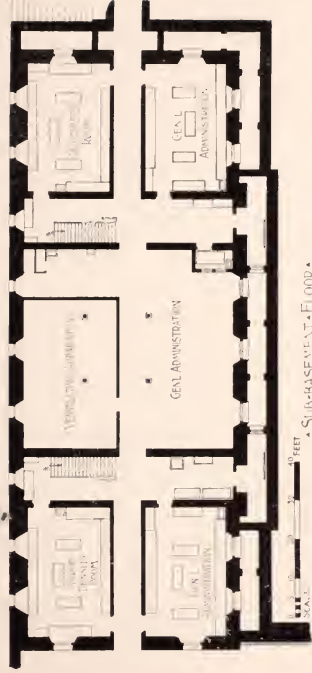
DEPARTMENT OF PHYSICS.

- | | |
|---------------------|--------------------|
| 401. Laboratory. | 406. Office. |
| 402. Stair Hall. | 407. Photography. |
| 403. Research Room. | 408. Stair Hall. |
| 404. Office. | 409. Acoustics. |
| 405. Research Room. | 410. Spectrometry. |

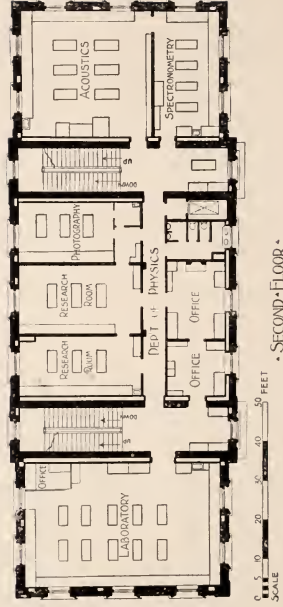
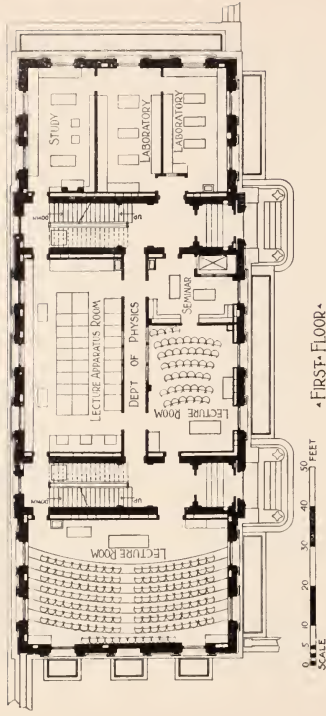
Fourth Floor.

DEPARTMENTS OF ASTRONOMY AND MECHANICS.

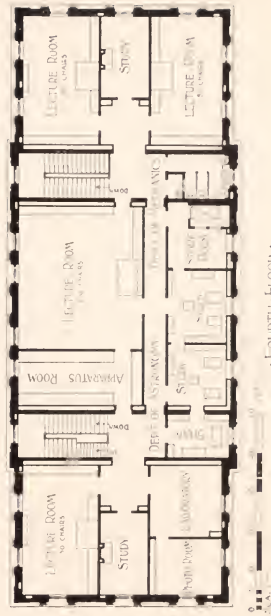
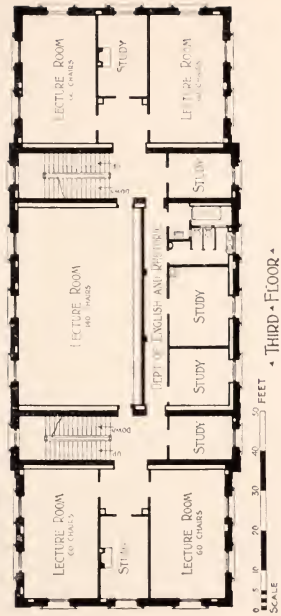
- | | |
|----------------------|--------------------|
| 601. Photography. | 608. Study. |
| 602. Laboratory. | 609. Lecture Room. |
| 603. Study. | 610. Study. |
| 604. Lecture Room. | 611. Store Room. |
| 605. Hall. | 612. Stair Hall. |
| 606. Study. | 613. Lecture Room. |
| 607. Apparatus Room. | 614. Study. |
| 615. Lecture Room. | |



PHYSICS BUILDING



PHYSICS BUILDING



PHYSICS BUILDING



HAVEMEYER HALL

HAVEMEYER HALL.

Sub-Basement.

- | | |
|--------------------------------|------------------------|
| 101. Metallurgy, Furnace Room. | 104. Study. |
| 102. " Laboratory. | 105. Library. |
| 103. " Museum and | 107. Assay Laboratory. |
| Lecture Room. | |

First Floor.

DEPARTMENT OF CHEMISTRY.

- | | |
|--------------------|------------------------|
| 301. Lecture Room. | 307. Library. |
| 302. Study. | 308. Dean's Office. |
| 303. Ante Room. | 309. Lecture Room. |
| 304. Laboratory. | 311. " " |
| 305. " " | 312. Preparation Room. |
| 306. Dark Room. | 313. Study. |
| | 315. Museum. |

Third Floor.

DEPARTMENT OF CHEMISTRY.

- | | |
|-------------------------------|------------------------------|
| 501. Balance Room. | 509. Library. |
| 502. Office. | 510. Electrolytic Analysis. |
| 503. Balance Room. | 511. Lecture Room. |
| 504. Quantitative Laboratory. | 512. Spectroscopic Analysis. |
| 505. Laboratory. | 513. Study. |
| 506. Study. | 514. Supply Room. |
| 507. " " | 515. Qualitative Laboratory. |
| 508. Volumetric Analysis. | 516. Office. |

Basement.

- | | | |
|---------------------|--------------------|-------------|
| 203-204. Coat Room. | 205. Furnace Room. | 206. Study. |
|---------------------|--------------------|-------------|

Second Floor.

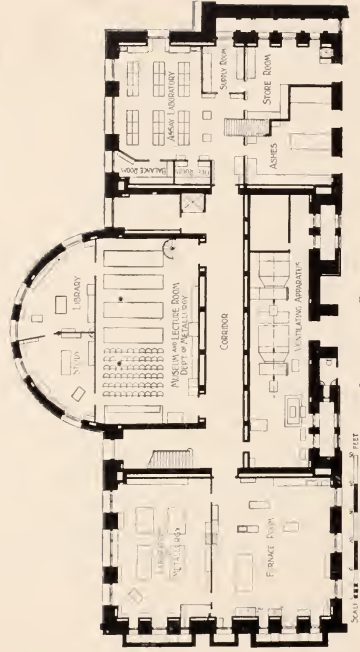
DEPARTMENT OF CHEMISTRY.

- | | |
|--------------------------|-------------------------|
| 401. Study. | 411. Study. |
| 402. Balance Room. | 413. Lecture Room. |
| 403. Glass Blowing Room. | 414. Applied Chemistry. |
| 404. Combustion Room. | 415. Fermentation Room. |
| 405. Organic Laboratory. | 416. Electro-Chemistry. |
| 406. Store Room. | 417. Dyeing Room. |
| 407. Cannon Room. | 418. Petroleum Room. |
| 408. Study. | 419. Store Room. |
| 409. " " | 420. Sugar Room. |
| 410. Laboratory. | 421. Study. |

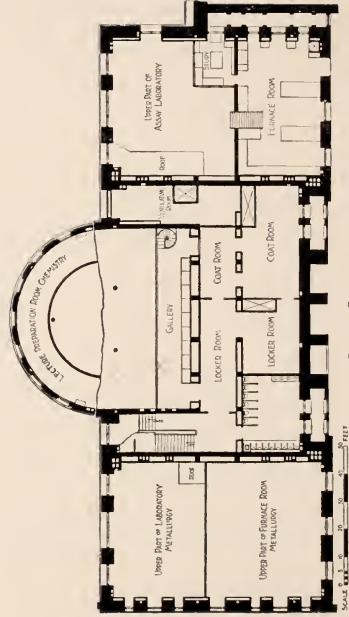
Fourth Floor.

DEPARTMENT OF ARCHITECTURE.

- | | |
|-----------------------|-----------------------|
| 601. Study. | 607. Study. |
| 602. " " | 608. Library. |
| 603. " " | 609. Lecture Room. |
| 604. Museum. | 610. Study. |
| 605. Study. | 611. Lecture Room. |
| 606. Draughting Room. | 612. Draughting Room. |
| | 613. Study. |

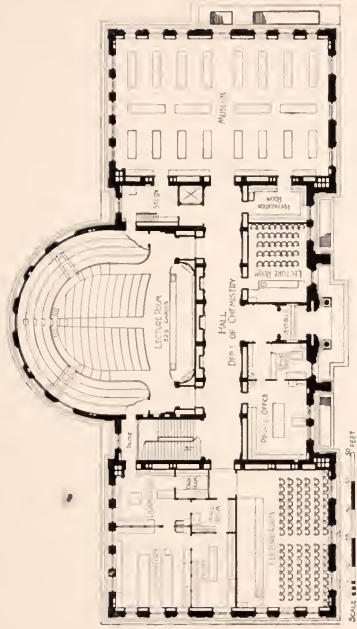


• SUB-BASEMENT FLOOR •

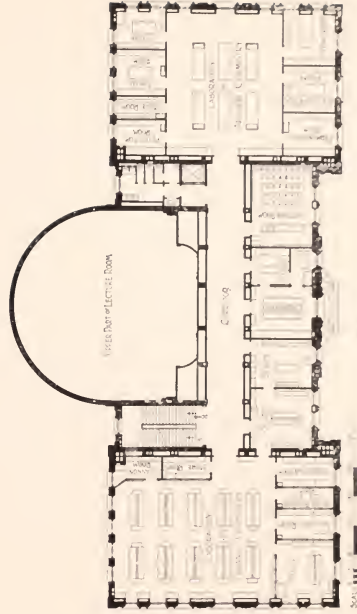


• BASEMENT FLOOR •

HAVEMEYER HALL



• FIRST FLOOR •



• SECOND FLOOR •

HAVEMEYER HALL



ENGINEERING BUILDING

ENGINEERING BUILDING.

Sub-Basement.

- | | |
|-----------------------------|-------------------------------|
| 101. Photometer Room. | 108. Ore Room. |
| 102. Storage Battery Room. | 109. Ore Dressing Room. |
| 103. Electrical Laboratory. | 110. Lixiviation and Electro- |
| 105. Thermo-Dynamics Labo- | Metallurgy. |
| ratory. | 111. Mining Laboratory. |

First Floor.

- | | |
|--------------------------------------|---|
| 301. Civil Engineering Lecture Room. | 304. Mechanical Engineering Study. |
| 302. Civil Engineering Lecture Room. | 306. Mechanical Engineering Lecture Room. |
| 303. Electrical Engineering Museum. | 307. Mechanical Engineering Museum. |
| 308. Mining Engineering Laboratory. | |

Third Floor.

- | | |
|--|---|
| 501. Electrical Engineering Laboratory. | 505. Electrical Engineering Study. |
| 502. Electrical Engineering Research Room. | 506. Civil Engineering Draughting Room. |
| 503. Electrical Engineering Study. | 507. Civil Engineering Study. |
| 504. Electrical Engineering Study. | 508. " " " |
| | 509. " " " |
| | 510. Civil Engineering Draughting Room. |

Basement.

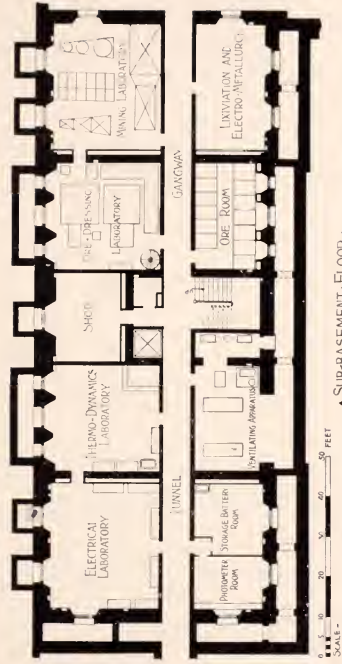
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|---|-------------------------------|
| 201. Dynamo Room. | 205. Cement Testing Room. |
| 202. Electrical Engineering Laboratory. | 206. Hydraulic Laboratory. |
| | 207. Ore Dressing Laboratory. |

Second Floor.

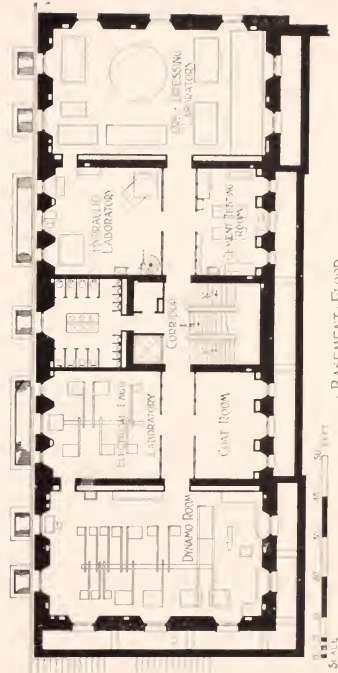
- | | |
|--|--|
| 401. Civil Engineering Museum. | 406. Mining Engineering Museum. |
| 402. Civil Engineering Lecture Room. | 407. Mining Engineering Conference Room. |
| 403. Civil Engineering Study. | 408. Mining Engineering Study. |
| 404. Mining Engineering Draughting Room. | 409. " " " |
| 405. Mining Engineering Laboratory. | 410. Mining Engineering Lecture Room. |

Fourth Floor.

- | | |
|-----------------------|------------------|
| 601. Draughting Room. | 604. Model Room. |
| 602. Study. | 605. Study. |
| 603. " | 606. " |

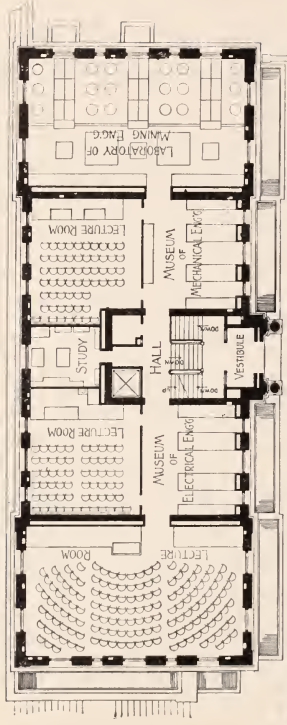


• SUB-BASEMENT FLOOR •

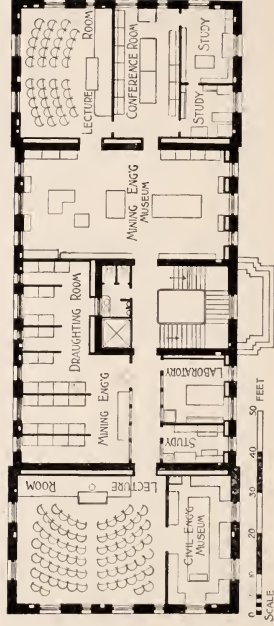


• BASEMENT FLOOR •

ENGINEERING BUILDING



• FIRST FLOOR •



• SECOND FLOOR •
ENGINEERING BUILDING



THE COLLEGE OF PHYSICIANS AND SURGEONS.

The College of Physicians, on July 1st, 1891, became, by authority of the Legislature, a part of Columbia University. This merger, which makes the medical department in a complete sense an integral part of the University system, largely increases the usefulness of the Medical School, favors the thoroughness of scientific medical education, and promotes scientific research.

The College occupies a group of buildings, given by the late William H. Vanderbilt and members of his family, and by William D. Sloane, Esq., which stand upon thirty contiguous lots of land, bounded on the south, west, and north by Fifty-ninth Street, Tenth Avenue, and Sixtieth Street, respectively, and lying immediately opposite to the Roosevelt Hospital.

The Elevated Railroad station, which is a few steps from the college, at the corner of Fifty-ninth Street and Ninth Avenue, is the point of union of the Ninth Avenue and Sixth Avenue roads, by either of which the buildings are immediately accessible from the north and south.

The "cross town" surface-cars of the Belt-line Surface Railway move east and west along Fifty-ninth Street, pass the site of the college, and place it in easy communication with the Second and Third Avenue Elevated roads, and with the numerous lines of surface-cars which reach Fifty-ninth Street from the north and south. All important points in the city, including the various hospitals, can thus readily be reached from the college without a walk of any length.

The buildings appertaining to the college are three in number: The College Building; The Vanderbilt Clinic; The Sloane Maternity Hospital.

The College Building has been designed to facilitate the combination of didactic instruction with laboratory work which is essential to a modern scientific training. It consists of a *southern portion* measuring 140 feet by 43 feet, extending along Fifty-ninth Street; of a *northern portion*, 96 feet by 43 feet, extending along Sixtieth Street; and of a *middle portion*, 96 feet by 55 feet, connecting the other two. The total area covered is therefore 15,428 square feet.

Through the recent generous gift of Messrs. Cornelius, William K., Frederick W., and George W. Vanderbilt, an important enlargement of the college building has been made, thus providing additional facilities for anatomical teaching and for practical work in Pathology and Bacteriology.

The south wing of the college has been extended on Fifty-ninth Street eastward for 55 feet, the depth of the new wing being 80 feet. This new building is four stories high, and is devoted to the Department of Anatomy. The basement contains the cast and modelling rooms, the corrosion-room, and the reference osteological collection. The first and second stories are occupied by the Museum of Human and Comparative Morphology, the first floor being provided with a gallery which greatly increases the available floor space.

The Morphological Research Laboratory, occupies the third story of the new anatomical building, affording ample accommodations for the researches of the officers of the department and for post-graduate students.

The fourth floor forms an extension to the original dissecting room. The new class-room for practical anatomy will accommodate over four hundred students. The artificial cooling plant enables work to be carried on without regard to the outside temperature.

The north end of the fourth floor is occupied by a small auditorium for anatomical demonstrations. It has overhead light and an arrangement of seats carefully planned, so as to bring each member of the sections close to the object of the demonstration.

The new Vanderbilt Clinic extends from the corner of Sixtieth Street and Tenth Avenue to the north wing of the college building, covering an area 180 by 60 feet, and is three stories in height. It is twice the size of the original building.

This institution was built and endowed by the sons of the late William H. Vanderbilt, as a memorial of their father. It supplies a fully equipped dispensary service for the sick poor. It also affords ample material for extended practical clinical instruction in the various departments of medicine and surgery, as the professors, with their clinical assistants, have the entire charge of its practice.

All modern appliances for the treatment of diseases have been introduced, so that students can learn thoroughly the use of all methods in each department, and thus can acquire a practical knowledge of all the "specialties" in medicine.

The Sloane Maternity Hospital is upon the college land at the corner of Fifty-ninth Street and Tenth Avenue.

This is a lying in hospital given by William D. Sloane, Esq., whose wife, a daughter of the late William H. Vanderbilt, has endowed the institution by making all of its beds free in perpetuity.



SLOANE MATERNITY HOSPITAL

COLLEGE BUILDING
COLLEGE OF PHYSICIANS AND SURGEONS

INSTITUTE OF ANATOMY

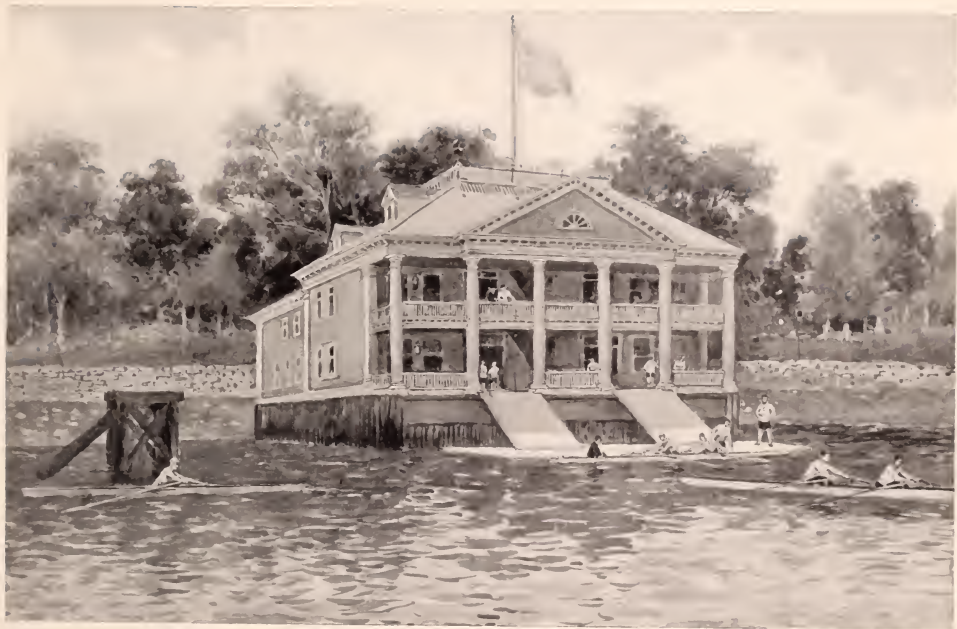


VANDERBILT CLINIC

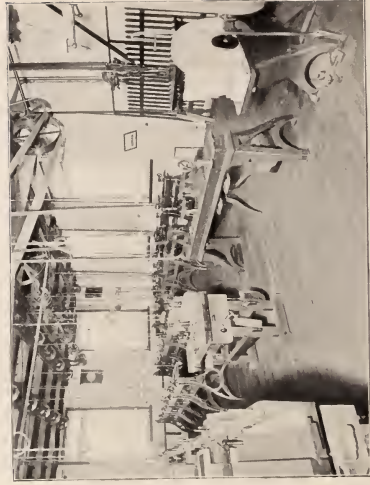
SLOAN MATERNITY HOSPITAL
COLLEGE OF PHYSICIANS AND SURGEONS

BOAT HOUSE.

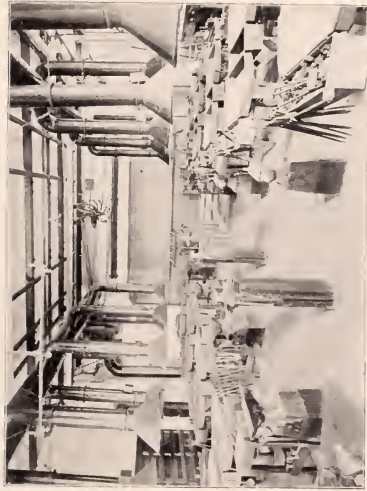
THE BOAT HOUSE is the gift of Mr. EDWIN GOULD, of the Class of '88 of the School of Mines. It is situated at the foot of West 115th Street, and offers to the students of Columbia, despite the location of the University in the city, water privileges that cannot be excelled. It has been so designed as to facilitate the use of it by students who are interested in boating, whether they are members of the crews or training to that end or not. The dimensions of the house itself are 50 feet by 86 feet, with a 12 foot piazza, from which gangways lead down to the float.



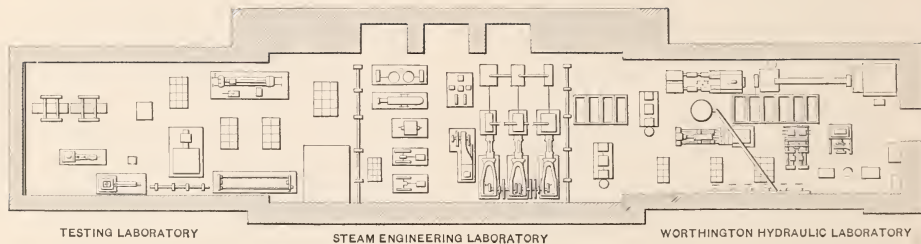
THE BOAT HOUSE



THE TEACHERS COLLEGE SHOPS
TO BE USED BY THE DEPARTMENT OF MECHANICAL ENGINEERING



THE TEACHERS COLLEGE SHOPS
TO BE USED IN THE DEPARTMENT OF MECHANICAL ENGINEERING





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